

FCC Form 601, Schedule L Request for Extension of Construction Date

Supplemental Information for Licenses WQXK956, WQXN605, WQXS423

March 21, 2017

First Energy Corporation (“FE” or “FEHLC”) is requesting an extension to construct the locations listed in the associated FCC form 601, Schedule L’s. Through no fault of its own, First Energy has experienced delays in obtaining final leases and other construction authorizations from landlords and local, state and federal government agencies. These unanticipated delays have, in turn, delayed First Energy’s ability to complete the construction of certain locations by the original construction completion date. First Energy would appreciate the Commission’s grant of additional time to complete the construction of the locations listed herein. First Energy is working diligently to complete the constructions of locations not yet operational in order to begin transition of all users to the new system and retire the legacy system.

Background

First Energy is constructing a new 900 MHz two-way trunked radio system using Project 25 infrastructure (“P25 system”). The P25 system will provide mobile radio communications for maintenance and operations throughout our Jersey Central Power and Light (“JCPL”) service territory consisting of Northern and Central New Jersey.

The P25 system consists of 15 trunked radio sites. Each site is authorized for three to four 900 MHz frequency pairs. The mobile radios are capable of roaming between the sites as they operate across the service territory. The P25 system will replace the legacy 900 MHz radio system which is based upon proprietary system architecture and beyond parts and maintenance support from the manufacturer. Because the P25 system is capable of supporting site-to-site roaming, it is FirstEnergy’s intention to transition user operations onto the P25 system in geographic areas where the P25 sites provide service. In areas where the P25 system is not yet operational, users will operate on the legacy system. The legacy system is operating under call signs KNNM385, KNNM386, and KNNM387. Once all users have transitioned onto the P25 system, FEHLC will decommission the legacy system and cancel the associated licenses.

Current status of P25 System installation:

Since receiving the authorizations for the P25 system, First Energy has purchased all of the radio infrastructure equipment and mobile (“subscriber”) radio units, along with other system equipment. The system equipment has completed testing in a staging environment. The mobile radios have been installed into vehicles and are capable of operating on both the legacy and the new P25 systems.

Interconnect equipment consisting of interfaces to FE-owned microwave or FE-owned or leased fiber optic links have been installed at all fifteen sites. The radio infrastructure equipment including the trunked base station and RF combining equipment has been installed at twelve of the fifteen sites. Antennas and transmission line have been installed at seven sites with eight more to be completed by the end of June 2017. FE will be submitting license modifications for the remaining three sites and has taken necessary efforts to align the June 2017 completion schedule.

Site specific / Call sign status:

WQXK956 is authorized at five locations. The original construction completion date is April 5, 2017.

- Location 1 – Berkeley Heights (on time)
 - Trunked infrastructure and antenna installations completed February 14, 2017.
 - Site “on-air” date is estimated to be no later than April 5, 2017.
 - Form 601 Schedule K Construction completion notice will be filed once the site is fully operational.
- Location 2 – Boonton (Kinnelon) (70-day extension requested)
 - Trunked infrastructure installation completed February 15, 2017.
 - Antenna installations are pending final site lease agreement. Final lease agreement was approved on March 17, 2017.
 - Site “on-air” date is estimated to be no later than June 15, 2017.
 - Form 601 Schedule K Construction completion notice will be filed once the site is fully operational.
- Location 3 – Colesville (70-day extension requested)
 - Trunked infrastructure installation completed February 20, 2017.
 - Antenna installations are pending final site lease agreement.
 - Final lease agreement is estimated to be completed no later than April 17, 2017.
 - Site “on-air” date is estimated to be no later than June 15, 2017.
 - Form 601 Schedule K Construction completion notice will be filed once the site is fully operational.
- Location 4 – Mt. Freedom (on time)
 - Trunked infrastructure and antenna installations completed February 2, 2017.
 - Site “on-air” date is estimated to be no later than April 5, 2017.
 - Form 601 Schedule K Construction completion notice will be filed once the site is fully operational.
- Location 5 – Sparta (40-day extension requested)
 - Trunked infrastructure and antenna installations schedule to be completed by April 30, 2017.
 - Final lease agreement was approved on March 14, 2017. Antenna installation is pending NTP and coordination with lessor
 - Site “on-air” date is estimated to be no later than May 15, 2017.

- Form 601 Schedule K Construction completion notice will be filed once the site is fully operational.

WQXN605 is authorized at five locations. The original construction completion date is April 25, 2017.

- Location 1 – Cherryville (License modification will be submitted)
 - Construction of a new radio tower has not begun at this site. FE is arranging to install and operate at a near-by leased site that is currently used by FE's legacy radio system.
 - Final lease agreement was completed on March 17, 2017
 - Antenna installation is pending NTP and coordination with lessor
- Location 2 – Mt. Airy (License modification will be submitted)
 - Construction of a new radio tower has not begun at this site. FE is arranging to install and operate at a near-by leased site that is currently used by FE's legacy radio system.
 - Final lease agreement was completed on March 17, 2017.
 - Antenna installation is pending NTP and coordination with lessor
- Location 3 – Upper Pohatcong (50-day extension requested)
 - The trunked infrastructure completed February 16, 2017.
 - Antenna installations are pending final site lease agreement with Warren County, NJ.
 - Final lease agreement is estimated to be completed no later than April 30, 2017.
 - Site "on-air" date is estimated to be no later than June 15, 2017.
 - Form 601 Schedule K Construction completion notice will be filed once the site is fully operational.
- Location 4 – Scott Mountain (on time)
 - Trunked infrastructure and antenna installations completed February 17, 2017.
 - Site "on-air" date is estimated to be no later than April 25, 2017.
 - Form 601 Schedule K Construction completion notice will be filed once the site is fully operational.
- Location 5 – Yards Creek (on time)
 - Trunked infrastructure installations completed February 24, 2017.
 - Antenna installations completed February 26, 2017
 - Site "on-air" date is estimated to be no later than April 25, 2017.
 - Form 601 Schedule K Construction completion notice will be filed once the site is fully operational.

WQXS423 is authorized at five locations. The original construction completion date is May 24, 2017.

- Location 1 – Oyster Creek (on time)
 - Trunked infrastructure and antenna installations completed February 7, 2017.
 - Site "on-air" date is estimated to be no later than May 24, 2017.
 - Form 601 Schedule K Construction completion notice will be filed once the site is fully operational.
- Location 2 – Forked River Rd/New Egypt (License modification will be submitted)

- Construction of a new radio tower has not begun at this site. FE is arranging to install and operate at a near-by leased site that is currently used by FE's legacy radio system.
 - Final lease agreement was completed on March 17, 2017.
 - Antenna installation is pending NTP and coordination with lessor
- Location 3 – Navesink (on time)
 - Trunked infrastructure installation completed February 9, 2017.
 - Final lease agreement was completed on March 17, 2017. Antenna installation is pending NTP and coordination with lessor.
 - Site "on-air" date is estimated to be no later than May 24, 2017.
 - Form 601 Schedule K Construction completion notice will be filed once the site is fully operational.
- Location 4 – Lakewood (Larrabee) (on time)
 - Trunked infrastructure and antenna installation completed February 7, 2017.
 - Site "on-air" date is estimated to be no later than May 24, 2017.
 - Form 601 Schedule K Construction completion notice will be filed once the site is fully operational.
- Location 5 – Matawan (Freneau) (on time)
 - Trunked infrastructure and antenna installation completed February 22, 2017.
 - Site "on-air" date is estimated to be no later than May 24, 2017.
 - Form 601 Schedule K Construction completion notice will be filed once the site is fully operational.

Conclusion

First Energy has worked diligently to complete system construction prior to the construction deadlines. All infrastructure and subscriber equipment has been purchased. Twelve of the fifteen sites have radio electronics and RF combining systems installed as well as microwave/fiber interconnect equipment installed. Seven sites have completed antenna installations and are operational by the current construction date. The remaining eight sites have final use/permission agreements and will have all installations completed by June 30, 2017. First Energy does not anticipate any further delays and warrants that the locations will be completed within the requested construction extension.

First Energy has decided not to construct new towers for WQXN605 Location 1 and Location 2 and WQXS423 Location 2. First Energy is submitting separate license modifications to move the frequencies at these locations to existing leased sites. Pursuant to 47CFR §1.931 (2)(ii) and (iii), First Energy is requesting that the Commission take no action on the Construction completion notices for WQXN605 Locations 1 and 2 and WQXS423 Location 2 while the license modifications are submitted for frequency coordination, engineering study and authorization.

First Energy appreciates the Commissions granting of these construction extension requests to permit First Energy additional time to complete construction of the locations for its new P25 system. Granting of this construction extension request will improve spectral efficiency and is in the public interest.